

FORM PTO-1449

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Atty. Docket No.:
1100.1119101 (H0001511)Serial No.:
09/934,059LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant: Sujit V. Gaikwad et al.

Filing Date

August 21, 2001

Group Art:

2631

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	5,895,596	04/20/1999	Stoddard et al.			
AB	6,207,937 B1	03/27/2001	Stoddard et al.			
AC	6,211,495 B1	04/03/2001	Stoddard et al.			
AD	6,222,164 B1	04/24/2001	Stoddard et al.			


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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AE	Astrom and Hagglund, "Autotuning", <i>Automatic Tuning of PID Controllers</i> , ISA, pp. 105-132, 1998.
AF	Shinskey, "Self-Tuning Controllers", <i>Feedback Controllers for the Process Industries</i> , pp. 185 - 210, 1994.
AG	P. A. Ioannour and I. Sun, "Robust Adaptive Control", Prentice Hall, New Jersey, 1996.
AH	E. Grassi, "Proportional-Integral-Derivative Controller Tuning by Frequency Loop-Shaping, Ph.D. Dissertation, Arizona State University, December 1999.
AI	Voda et al., "A Method for the Auto-calibration of PID Controllers", <i>Automatica</i> , Vol. 31, No. 1, pp. 41-53, 1995.
AJ	Harris et al., "Controller Tuning Using Optimization to Meet Multiple Closed-Loop Criteria", <i>AIChE J.</i> , Vol. 31, No. 3, pp. 484-487, 1985.
AK	Schei, "Automatic Tuning of PID Controllers Based on Transfer Function Estimation", <i>Automatica</i> , Vol. 30, No. 12, pp. 1983-1989, 1994.
AL	Nishikawa et al., "A Method for Auto-Tuning of PID Control Parameters", <i>Automatica</i> , Vol. 20, No. 3, pp. 321-332, 1984.
AM	De Callafon et al., "Control Relevant Identification for H-norm based Performamnce Specifications", <i>Proc. 34th CDC</i> , 3498-3503, 1995.
AN	Gevers et al., "Issues in Modeling for Control", <i>Proc. 1998 ACC</i> , 1615-1619.
AO	Rivera et al., "Digital PID Conroller Tuning Using Prefiltered ARX Estimation", <i>Proc. 31st CDC</i> , pp. 68-69, 1992.
AP	Grassi et al., "PID Controller Tuning by Frequency Loop Shaping", <i>Proc. 35th CDC</i> , 1996.
AQ	Adusumilli et al., "Integrated MIMO Identification and Robust PID Controller Design Through Loop Shaping", <i>Proc. 1998 ACC</i> , pp. 1230-1234.
AR	Ender et al., "Process Control Performance: Not as Good as You Think", <i>Control Engineering</i> , 180-190, September 1993.
AS	Grassi et al., "Integrated System Identification and PID Controller Tuning by Frequency Loop-Shaping", <i>Proc. 38th Conf. Decision and Contr.</i> , 1517-1522, Phoenix, Arizona, December 1999.
AT	Grassi et al., "PID Controller Tuning by Frequeuncy Loop Shaping: Application to Diffusion Furance Temperature Control", <i>IEEE Trans. Contr. Syst. Techn.</i> , to appear, dated prior to

		September 21, 2001.
	AU	Gaikwad et al., "Auto-Tuning PID Using Loop-Shaping Ideas", Proc. 1999 IEEE Intl. Conf. On Control Applications, 589-593, Kohala Coast, Hawaii, August 1999.
	AV	Krause et al., "Robust Parameter Adjustment", Proc. 1988 ACC, 331-336, Atlanta, Georgia, 1988.
	AW	Astrom et al., "Integrator Wind Up and How to Avoid It", Proc. 1989 ACC, pp. 1693-1698.
	AX	Tsakalis et al., "Control Oriented Uncertainty Estimation in System Identification", Proc. 17 th LASTED Int. Conf. Modeling, Identification, and Contr. , pp. 110-113, Grindelwald, Switzerland, February 1998.

EXAMINER: 

DATE CONSIDERED: 7/17/2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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